## CONSERVATION PRACTICE PHYSICAL EFFECT WORKSHEET

NOTE: recorded in Microsoft word 6.0 - use tabs to change cells/fields

PRACTICE: 455 Land Reclamation, Toxic Discharge Control  RESOURCE CONTEN: EROSION  RESOURCE CONCERN: EROSION  RESOURCE INDICATORS  PHYSICAL EFFECTS  SHEET AND RILL  moderate reduction in sheet and rill erosion moderate reduction in wind erosion PHEMERAL GULLY  moderate reduction in in ephemeral gully erosion moderate reduction in in estambank erosion PHEMERAL GULLY  moderate reduction in in estambank erosion moderate reduction in in streambank erosion N/A  SOIL MASS MOVEMENT  RIRIGATION INDUCED  N/A  SOIL MASS MOVEMENT  ROADBANK/CONSTRUCTION  SOIL TILTH  significant improvement in soil tilth significant reduction in soil compaction  SOIL COMPACTION  SOIL CONTAMINATION  SOIL CONTAMINATION  SALTS  Situational concerning contam. from salts situational concerning soil contam/fertilizer  PESTICIBES  OTHER  PESTICIBES  OTHER  DEPOSITION/DAMAGE  OFFSITE  moderate reduction in soil compaction  moderate decrease in roadbank construction erosion  situational concerning contam. from salts situational concerning soil contam/fertilizer  situational concerning soil contam/fertilizer  FERTILIZERS  FERTILIZERS  FOFFSITE  moderate reduction/onsite deposition damage  moderate decrease/offsite deposition damage  moderately improve onsite safety/deposition  moderately improve onfisite safety hazard/depos.  THE  RESOURCE CONCERN: WATER QUANTITY  SEEPS  situational regarding seep development insignificant	NOTE: recorded in Microsoft word 6.0 - use tabs to	
Discharge Control  RESOURCE: SOIL RESOURCE CONCERN: EROSION RESOURCE INDICATORS RESOURCE INDICATORS RESOURCE INDICATORS PHYSICAL EFFECTS SHEET AND RILL PHYSICAL EFFECTS  WIND  moderate reduction in sheet and rill erosion  N/A  SOIL MASS MOVEMENT  SITUATION INDUCED N/A  RESOURCE CONCERN: SOIL CONDITION  SOIL TILTH SIGNATION INDUCED SOIL TILTH SIGNATION SIGNATION SOIL TILTH SIGNATION SIGNATION SOIL CONTAMINATION SITUATION SIGNATION SITUATION SIGNATION SITUATION SIGNATION PESTICIDES SITUATIONAL CONCERNING SITUATIONA	STATE ARKANSAS FIELD OFFICE	ANY DATE 5/15/97
RESOURCE: SOIL RESOURCE CONCERN: EROSION  RESOURCE INDICATORS  SHEET AND RILL  moderate reduction in sheet and rill erosion moderate reduction in wind erosion moderate reduction in ephemeral gully erosion moderate reduction in classic gully erosion streambank moderate reduction in ephemeral gully erosion moderate reduction in sheet and rill erosion moderate reduction in wind erosion moderate reduction in sheet and rill erosion moderate reduction in sheet and rill erosion moderate reduction in ephemeral gully erosion streambank moderate reduction in ephemeral gully erosion streambank moderate reduction in estreambank erosion N/A STREAMBANK moderate reduction in streambank erosion  N/A SOIL MASS MOVEMENT situational concerning soil mass movement moderate decrease in roadbank construction erosion  OTHER  RESOURCE CONCERN: SOIL CONDITION  SOIL CONTAMINATION  SOIL CONTAMINATION  SOIL CONTAMINATION  SALTS situational concerning ornam: from salts situational concerning ornam: from salts situational concerning ornam: from salts situational concerning soil contamt/fertilizer situational concerning soil contamt/fertilizer  PESTICIDES situational concerning soil contamt/pesticides  OTHER  DEPOSITION/DAMAGE  ONSITE moderate reduction in sive and provide deposition damage  DEPOSITION/DAMAGE  OFFSITE moderate reduction in soil companies moderate decrease/offsite deposition damage  DEPOSITION/SAFETY  OORSITE moderately improve onsite safety/deposition moderately improve onsite safety hazard/depos.  OTHER  RESOURCE CONCERN: WATER RESOURCE CONCERN: WATER RESOURCE ONCERN: WATER QUANTITY  SEEPS situational regarding seep development insignificant insignificant insignificant insignificant insignificant insignificant  N/A  SPRINKLER  N/A	· · · · · · · · · · · · · · · · · · ·	NOTES:
RESOURCE CONCERN: EROSION  RESOURCE INDICATORS  PHYSICAL EFFECTS  SHEET AND RILL  moderate reduction in sheet and rill erosion moderate reduction in wind erosion EPHEMERAL GULLY  moderate reduction in ephemeral gully erosion moderate reduction in classic gully erosion moderate reduction in streambank erosion RRIGATION INDUCED N/A SOIL MASS MOVEMENT SITUATION SOIL MASS MOVEMENT SITUATION SOIL MASS MOVEMENT SITUATION SOIL THE RESOURCE CONCERN: SOIL CONDITION  SOIL TILTH SIGNIFICATION SOIL CONTAMINATION SOIL CONTAMINATION SOIL CONTAMINATION SOIL CONTAMINATION SOIL SALTS SITUATION SITUATION SOIL SITUATION SITUATION SOIL SITUATION SITUATION SOIL CONTER  PESTICIDES SITUATION SOIL CONTENTION SITUATION SOIL CONTENTION SITUATION SOIL CONTENTION SITUATION SOIL CONTENTION SITUATION SOIL CONTENTION SITUATION SOIL CONTENTION SITUATION SITUATION SOIL CONTENTION SITUATION SOIL CONTENTION SITUATION SITUATION SOIL CONTENTION SITUATION SITUATION SOIL CONTENTION SITUATION		
RESOURCE INDICATORS  SHEET AND RILL  moderate reduction in sheet and rill erosion moderate reduction in wind erosion  EPHEMERAL GULLY  moderate reduction in ephemeral gully erosion  ERASSIC GULLY  moderate reduction in streambank erosion  IRRIGATION INDUCED  N/A  SOIL MASS MOVEMENT  SITUATION STREAMBANK  MOVEMENT  SOIL MASS MOVEMENT  SITUATION STREAMBANK  SOIL TILTH  SIGNIFICANT SITUATION  SOIL TILTH  SIGNIFICANT SITUATION  SOIL COMPACTION  SOIL COMPACTION  SOIL COMPACTION  SOIL COMPACTION  SOIL COMPACTION  SIGNIFICANT SITUATION  SOIL COMPACTION  SIGNIFICANT SITUATION  SITUATION SITUATION SITUATION  SITUATION SITUATION SITUATION SITUATION SITUATION SITUATION  SITUATION SITUATI	RESOURCE: SOIL	
SHEET AND RILL  moderate reduction in sheet and rill erosion  mind moderate reduction in wind erosion  moderate reduction in wind erosion  moderate reduction in ephemeral gully erosion  CLASSIC GULLY  moderate reduction in classic gully erosion  STREAMBANK  moderate reduction in streambank erosion  IRRIGATION INDUCED  N/A  SOIL MASS MOVEMENT  Situational concerning soil mass movement  moderate decrease in roadbank construction erosion  OTHER  RESOURCE CONCERN: SOIL CONDITION  SOIL TILTH  significant improvement in soil tilth  significant reduction in soil compaction  SOIL COMPACTION  SOIL COMPACTION  SOIL CONTAMINATION  SALTS  situational concerning organic contaminates/soil  FERTILIZERS  Situational concerning soil contam/fertilizer  PESTICIDES  OTHER  DEPOSITION/DAMAGE  ONSITE  moderate reduction in soil tilth  significant improvement in soil tilth  significant reduction in soil compaction  SOIL CONTAMINATION  situational concerning contam. from salts  situational concerning soil contam./fertilizer  situational concerning soil contam/pesticides  OTHER  DEPOSITION/DAMAGE  ONSITE  moderate reduction/onsite deposition damage  DEPOSITION/DAMAGE  ONSITE  moderate decrease/offsite deposition damage  DEPOSITION/SAFETY  ONSITE  moderately improve onsite safety/deposition  moderately improve offsite safety hazard/depos.  THER  RESOURCE CONCERN: WATER  RESOURCE CONCERN: WATER QUANTITY  SEEPS  situational regarding seep development  insignificant  insignificant  insignificant  insignificant  insignificant  insignificant  insignificant  insignificant  WATER MGT. IRRIGATION  SURFACE  N/A	RESOURCE CONCERN: EROSION	to Microsoft Word Users Guide (Creating a form)
WIND moderate reduction in wind erosion EPHEMERAL GULLY moderate reduction in ephemeral gully erosion STREAMBANK moderate reduction in classic gully erosion STREAMBANK moderate reduction in streambank erosion IRRIGATION INDUCED N/A SOIL MASS MOVEMENT situational concerning soil mass movement MODER moderate decrease in roadbank construction erosion OTHER RESOURCE CONCERN: SOIL CONDITION  SOIL TILTH significant improvement in soil tilth SOIL COMPACTION significant reduction in soil compaction SOIL CONTAMINATION SALTS situational concerning contam. from salts  ORGANICS situational concerning organic contaminates/soil FERTILIZERS situational concerning soil contam./fertilizer PESTICIDES situational concerning soil contam./pesticides  OTHER  ONSITE moderate reduction/onsite deposition damage  OFFSITE moderate decrease/offsite deposition damage  OFFSITE moderately improve onsite safety/deposition  OFFSITE moderately improve offsite safety hazard/depos.  OTHER  RESOURCE CONCERN: WATER QUANTITY  SEEPS situational regarding seep development  INADEQUATE OUTLETS insignificant  NAA  N/A  SPRINKLER  N/A	RESOURCE INDICATORS	PHYSICAL EFFECTS
EPHEMERAL GULLY moderate reduction in ephemeral gully erosion  CLASSIC GULLY moderate reduction in classic gully erosion  STREAMBANK moderate reduction in streambank erosion  IRRIGATION INDUCED N/A  SOIL MASS MOVEMENT situational concerning soil mass movement  ROADBANK/CONSTRUCTION moderate decrease in roadbank construction erosion  OTHER  BESOURCE CONCERN: SOIL CONDITION  SOIL TILTH significant improvement in soil tilth  SOIL COMPACTION significant reduction in soil compaction  SOIL CONTAMINATION  SALTS situational concerning contam. from salts  FERTILIZERS situational concerning organic contaminates/soil  FERTILIZERS situational concerning soil contam/fertilizer  PESTICIDES situational concerning soil contam/pesticides  OTHER  DEPOSITION/DAMAGE  ONSITE moderate reduction/onsite deposition damage  OFFSITE moderate decrease/offsite deposition damage  DEPOSITION/SAFETY  ONSITE moderately improve onsite safety/deposition  OTHER  RESOURCE: WATER  RESOURCE CONCERN: WATER QUANTITY  SEEPS situational regarding seep development  INADEQUATE OUTLETS insignificant  Insignificant  Insignificant  Insignificant  WATER MGT. IRRIGATION  SURFACE N/A  N/A	SHEET AND RILL	moderate reduction in sheet and rill erosion
CLASSIC GULLY  moderate reduction in classic gully erosion  RRIGATION INDUCED  N/A  SOIL MASS MOVEMENT  ROADBANK/CONSTRUCTION  OTHER  RESOURCE CONCERN: SOIL CONDITION  SOIL TILTH  SIQUIFICATION  SIQUIFICATION  SOIL CONTAMINATION  SOIL CONTAMINATION  SOIL CONTAMINATION  SALTS  SITUATION  SIQUIFICATION  N/A  SPRINKLER  N/A  N/A	WIND	moderate reduction in wind erosion
STREAMBANK IRRIGATION INDUCED N/A SOIL MASS MOVEMENT SITUATION OTHER RESOURCE CONCERN: SOIL CONDITION SOIL TILTH SIGNIFICANT SITUATION SOIL COMPACTION SOIL CONTAMINATION SOIL CONTAMINATION SALTS PESTICIDES OTHER DEPOSITION/DAMAGE ONSITE ONSITE ONSITE ONSITE OFFSITE DEPOSITION/SAFETY ONSITE OFFSITE DEPOSITION/SAFETY ONSITE OFFSITE DEPOSITION/SAFETY  ORGANICS SITUATION SIGNIFICANT SITUATION SITUATION OMERACE SOURCE CONCERN: WATER QUANTITY SEEPS SITUATIONAL SITUATION SITUATION SITUATION SITUATION SITUATION SITUATION SITUATION SITUATION SOIL CONTAMINATION SITUATION SOIL CONTROLLETS SITUATION SITUATION SOIL CONTROLLETS SITUATION SITUATION SITUATION SITUATION SOIL CONTROLLETS SITUATION		
IRRIGATION INDUCED  SOIL MASS MOVEMENT  ROADBANK/CONSTRUCTION  OTHER  RESOURCE CONCERN: SOIL CONDITION  SOIL TITH  SIGNIFICANT SITUATION  SOIL COMPACTION  SOIL COMPACTION  SOIL CONTAMINATION  SOIL CONTAMINATION  SALTS  ORGANICS  ORGANICS  SItuational concerning contam. from salts situational concerning organic contaminates/soil  PESTICIDES  OTHER  DEPOSITION/DAMAGE  ONSITE  Moderate decrease/offsite deposition damage  DEPOSITION/SAFETY  ONSITE  Moderate decrease/offsite deposition damage  DEPOSITION/SAFETY  ONSITE  Moderately improve onsite safety/deposition  OTHER  RESOURCE: WATER  RESOURCE CONCERN: WATER QUANTITY  SEEPS  SITUATION IMPORTANT INSIGNATION  INSIGNATION  SITUATION INSIGNATION  INSIGNATION INSIGNATION  N/A  SPRINKLER  N/A		
SOIL MASS MOVEMENT ROADBANK/CONSTRUCTION  OTHER RESOURCE CONCERN: SOIL CONDITION  SOIL TILTH SIGNIFICANT SITUATION SOIL CONTAMINATION SOIL CONTAMINATION SALTS ORGANICS FERTILIZERS SITUATION SITUATION SITUATION PESSITICIDES OTHER  ONSITE OPPOSITION/DAMAGE OFFSITE  ONSITE  ONSITE  MODERATE OFFSITE  MODERATE OFFSITE		
ROADBANK/CONSTRUCTION OTHER  RESOURCE CONCERN: SOIL CONDITION  SOIL TILTH SOIL COMPACTION SOIL CONTAMINATION SITUATION OF SOIL CONTAMINATION SOIL CONTAMINATION SOIL CONTAMINATION SOIL CONTAMINATION SOIL CONTAMINATION SITUATION OF SITUATION SOIL CONTAMINATION SIGNATION OF SITUATION SITUATION OF SITUATION SITUATION OF SITUATION SITUATION OF SITUATION SITUATION OF SITUATION O		
OTHER  RESOURCE CONCERN: SOIL CONDITION  SOIL TILTH  SIGNIFICANT SIGNIFICANT SIGNIFICANT SOIL COMPACTION  SOIL COMPACTION  SOIL CONTAMINATION  SALTS  ORGANICS SITUATION SITUATION  FERTILIZERS SITUATION SITUATION  FERTILIZERS SITUATION SITUATION SITUATION SITUATION  FERTILIZERS SITUATION SOIL CONTAMINATION  ORGANICS SITUATION SOIL CONTAMINATION  FERTILIZERS SITUATION SOIL CONTAMINATION SITUATION SOIL CONTAMINATION  ORGANICS SITUATION SOIL CONTAMINATION SITUATION SOIL CONTAMINATE SITUATION SOIL CONTAMINATION SOIL CONTAMINA		
RESOURCE CONCERN: SOIL CONDITION  SOIL TILTH SOIL COMPACTION SIgnificant reduction in soil compaction  SOIL CONTAMINATION  SALTS Situational concerning contam. from salts ORGANICS Situational concerning organic contaminates/soil FERTILIZERS Situational concerning soil contam/fertilizer PESTICIDES SITUATION SOIL CONTAMINATION  OTHER  DEPOSITION/DAMAGE ONSITE Moderate reduction/onsite deposition damage OFFSITE Moderate decrease/offsite deposition damage DEPOSITION/SAFETY ONSITE Moderately improve onsite safety/deposition OFFSITE Moderately improve offsite safety hazard/depos.  OTHER  RESOURCE: WATER RESOURCE CONCERN: WATER QUANTITY  SEEPS SITUATION SITUATION  EXCESS SUBSURFACE WATER INSIGNIFICANT SITUATION  SURFACE N/A  SPRINKLER		moderate decrease in roadbank construction erosion
SOIL TILTH  SOIL COMPACTION  SIgnificant improvement in soil tilth  SOIL CONTAMINATION  SALTS  Situational concerning contam. from salts  ORGANICS  FERTILIZERS  Situational concerning organic contaminates/soil  FERTILIZERS  SITUATION  OTHER  DEPOSITION/DAMAGE  ONSITE  Moderate reduction/onsite deposition damage  OFFSITE  Moderate decrease/offsite deposition damage  DEPOSITION/SAFETY  ONSITE  Moderately improve onsite safety/deposition  OFFSITE  Moderately improve offsite safety hazard/depos.  OTHER  RESOURCE: WATER  RESOURCE CONCERN: WATER QUANTITY  SEEPS  SITUATION  SITUATION  SITUATION  SITUATION  SITUATION  MODERATE INSIGNATION  INSIGNATION  SURFACE  N/A  N/A  SPRINKLER		
SOIL COMPACTION SOIL CONTAMINATION  SALTS situational concerning contam. from salts ORGANICS FERTILIZERS Situational concerning organic contaminates/soil FERTILIZERS Situational concerning soil contam/fertilizer PESTICIDES OTHER  DEPOSITION/DAMAGE ONSITE moderate reduction/onsite deposition damage OFFSITE moderate decrease/offsite deposition damage DEPOSITION/SAFETY ONSITE moderately improve onsite safety/deposition OTHER  RESOURCE: WATER RESOURCE CONCERN: WATER QUANTITY SEEPS situational regarding seep development insignificant INADEQUATE OUTLETS insignificant  WATER MGT. IRRIGATION  SURFACE N/A SPRINKLER	RESOURCE CONCERN: SOIL CONDITION	
SOIL CONTAMINATION  SALTS  situational concerning contam. from salts  ORGANICS  situational concerning organic contaminates/soil  FERTILIZERS  situational concerning soil contaminates/soil  FERTILIZERS  situational concerning soil contaminates/soil  FERTILIZERS  situational concerning soil contaminates/soil  OTHER  DEPOSITION/DAMAGE  ONSITE  moderate reduction/onsite deposition damage  OFFSITE  moderate decrease/offsite deposition damage  DEPOSITION/SAFETY  ONSITE  moderately improve onsite safety/deposition  OFFSITE  OTHER  RESOURCE: WATER  RESOURCE CONCERN: WATER QUANTITY  SEEPS  situational regarding seep development  insignificant  insignificant  INADEQUATE OUTLETS  insignificant  insignificant  INADEQUATE OUTLETS  water MGT. IRRIGATION  SURFACE  N/A  N/A	SOIL TILTH	
<ul> <li>SALTS</li> <li>ORGANICS</li> <li>FERTILIZERS</li> <li>PESTICIDES</li> <li>OTHER</li> <li>DEPOSITION/DAMAGE</li> <li>OFFSITE</li> <li>Moderate reduction/onsite deposition damage</li> <li>OFFSITE</li> <li>ONSITE</li> <li>Moderately improve onsite safety/deposition</li> <li>OFFSITE</li> <li>OFFSITE</li> <li>Moderately improve offsite safety hazard/depos.</li> <li>OTHER</li> <li>RESOURCE: WATER</li> <li>RESOURCE CONCERN: WATER QUANTITY</li> <li>SEEPS</li> <li>SIUATIONAL RESOURCE WATER</li> <li>RENOUFF/FLOODING</li> <li>Insignificant</li> <li>INADEQUATE OUTLETS</li> <li>MIADEQUATE OUTLETS</li> <li>SURFACE</li> <li>NI/A</li> <li>SPRINKLER</li> </ul>	SOIL COMPACTION	significant reduction in soil compaction
<ul> <li>ORGANICS         <ul> <li>FERTILIZERS</li> <li>PESTICIDES</li> <li>OTHER</li> </ul> </li> <li>DEPOSITION/DAMAGE         <ul> <li>ORGANICS</li> <li>Situational concerning soil contam./fertilizer</li> <li>PESTICIDES</li> <li>SITUATION CONCERNITION (SAFETY)</li> <li>ONSITE</li> <li>Moderate reduction/onsite deposition damage</li> <li>OFFSITE</li> <li>Moderate decrease/offsite deposition damage</li> </ul> </li> <li>DEPOSITION/SAFETY         <ul> <li>ONSITE</li> <li>Moderately improve onsite safety/deposition</li> <li>OFFSITE</li> <li>Moderately improve offsite safety hazard/depos.</li> </ul> </li> <li>OTHER         <ul> <li>RESOURCE: WATER</li> <li>RESOURCE CONCERN: WATER QUANTITY</li> </ul> </li> <li>SEEPS         <ul> <li>situational regarding seep development</li> <li>insignificant</li> </ul> </li> <li>EXCESS SUBSURFACE WATER         <ul> <li>insignificant</li> <li>insignificant</li> </ul> </li> <li>WATER MGT. IRRIGATION</li> <li>SURFACE</li> <li>N/A</li> <li>SPRINKLER</li> <li>N/A</li> </ul>	SOIL CONTAMINATION	
<ul> <li>FERTILIZERS</li> <li>Situational concerning soil contam./fertilizer</li> <li>PESTICIDES</li> <li>Situational concerning soil contam./pesticides</li> <li>OTHER</li> <li>DEPOSITION/DAMAGE</li> <li>ONSITE</li> <li>moderate reduction/onsite deposition damage</li> <li>OFFSITE</li> <li>moderate decrease/offsite deposition damage</li> <li>DEPOSITION/SAFETY</li> <li>ONSITE</li> <li>moderately improve onsite safety/deposition</li> <li>OFFSITE</li> <li>OTHER</li> <li>RESOURCE: WATER</li> <li>RESOURCE CONCERN: WATER QUANTITY</li> <li>SEEPS</li> <li>situational regarding seep development</li> <li>Insignificant</li> <li>Insignificant</li> <li>INADEQUATE OUTLETS</li> <li>Insignificant</li> <li>WATER MGT. IRRIGATION</li> <li>SURFACE</li> <li>N/A</li> <li>SPRINKLER</li> </ul>	• SALTS	situational concerning contam. from salts
<ul> <li>◆ PESTICIDES</li> <li>◆ OTHER</li> <li>DEPOSITION/DAMAGE</li> <li>♦ ONSITE</li> <li>♦ OFFSITE</li> <li>♦ DEPOSITION/SAFETY</li> <li>♦ ONSITE</li> <li>♦ ONSITE</li> <li>♦ ONSITE</li> <li>♦ OFFSITE</li> <li>♦ OTHER</li> <li>RESOURCE: WATER</li> <li>RESOURCE CONCERN: WATER QUANTITY</li> <li>SEEPS</li> <li>SITUATION SITE SITUATION</li> <li>♦ SURFACE</li> <li>♦ SPRINKLER</li> <li>N/A</li> <li>♦ SPRINKLER</li> <li>N/A</li> </ul>	• ORGANICS	situational concerning organic contaminates/soil
<ul> <li>OTHER</li> <li>DEPOSITION/DAMAGE</li> <li>ONSITE</li> <li>moderate reduction/onsite deposition damage</li> <li>OFFSITE</li> <li>moderate decrease/offsite deposition damage</li> <li>DEPOSITION/SAFETY</li> <li>ONSITE</li> <li>moderately improve onsite safety/deposition</li> <li>OFFSITE</li> <li>moderately improve offsite safety hazard/depos.</li> <li>OTHER</li> <li>RESOURCE: WATER</li> <li>RESOURCE CONCERN: WATER QUANTITY</li> <li>SEEPS</li> <li>situational regarding seep development</li> <li>insignificant</li> <li>insignificant</li> <li>insignificant</li> <li>insignificant</li> <li>WATER MGT. IRRIGATION</li> <li>SURFACE</li> <li>N/A</li> <li>SPRINKLER</li> </ul>	• FERTILIZERS	situational concerning soil contam./fertilizer
DEPOSITION/DAMAGE       moderate reduction/onsite deposition damage         ● OFFSITE       moderate decrease/offsite deposition damage         DEPOSITION/SAFETY       moderately improve onsite safety/deposition         ● OFFSITE       moderately improve offsite safety hazard/depos.         OTHER       RESOURCE: WATER         RESOURCE CONCERN: WATER QUANTITY         SEEPS       situational regarding seep development         RUNOFF/FLOODING       insignificant         EXCESS SUBSURFACE WATER       insignificant         INADEQUATE OUTLETS       insignificant         WATER MGT. IRRIGATION       WATER MGT. IRRIGATION         ● SURFACE       N/A         ● SPRINKLER       N/A	• PESTICIDES	situational concerning soil contam./pesticides
<ul> <li>ONSITE</li> <li>Moderate reduction/onsite deposition damage</li> <li>OFFSITE</li> <li>Moderate decrease/offsite deposition damage</li> <li>DEPOSITION/SAFETY</li> <li>ONSITE</li> <li>Moderately improve onsite safety/deposition</li> <li>OFFSITE</li> <li>Moderately improve offsite safety hazard/depos.</li> <li>OTHER</li> <li>RESOURCE: WATER</li> <li>RESOURCE CONCERN: WATER QUANTITY</li> <li>SEEPS</li> <li>Situational regarding seep development</li> <li>RUNOFF/FLOODING</li> <li>Insignificant</li> <li>Insignificant</li> <li>INADEQUATE OUTLETS</li> <li>MATER MGT. IRRIGATION</li> <li>SURFACE</li> <li>N/A</li> <li>SPRINKLER</li> </ul>	• OTHER	
<ul> <li>● OFFSITE</li> <li>DEPOSITION/SAFETY</li> <li>● ONSITE</li> <li>Moderately improve onsite safety/deposition</li> <li>● OFFSITE</li> <li>Moderately improve offsite safety hazard/depos.</li> <li>OTHER</li> <li>RESOURCE: WATER</li> <li>RESOURCE CONCERN: WATER QUANTITY</li> <li>SEEPS</li> <li>Situational regarding seep development</li> <li>RUNOFF/FLOODING</li> <li>Insignificant</li> <li>INADEQUATE OUTLETS</li> <li>Insignificant</li> <li>WATER MGT. IRRIGATION</li> <li>SURFACE</li> <li>N/A</li> <li>SPRINKLER</li> </ul>	DEPOSITION/DAMAGE	
DEPOSITION/SAFETY  ONSITE moderately improve onsite safety/deposition  OFFSITE moderately improve offsite safety hazard/depos.  OTHER  RESOURCE: WATER  RESOURCE CONCERN: WATER QUANTITY  SEEPS situational regarding seep development  RUNOFF/FLOODING insignificant  EXCESS SUBSURFACE WATER insignificant  INADEQUATE OUTLETS insignificant  WATER MGT. IRRIGATION  SURFACE N/A  SPRINKLER N/A	• ONSITE	moderate reduction/onsite deposition damage
<ul> <li>ONSITE moderately improve onsite safety/deposition moderately improve offsite safety hazard/depos.</li> <li>OTHER</li> <li>RESOURCE: WATER</li> <li>RESOURCE CONCERN: WATER QUANTITY</li> <li>SEEPS situational regarding seep development</li> <li>RUNOFF/FLOODING insignificant</li> <li>EXCESS SUBSURFACE WATER insignificant</li> <li>INADEQUATE OUTLETS insignificant</li> <li>WATER MGT. IRRIGATION</li> <li>SURFACE N/A</li> <li>SPRINKLER</li> </ul>	• OFFSITE	moderate decrease/offsite deposition damage
<ul> <li>◆ OFFSITE</li> <li>OTHER</li> <li>RESOURCE: WATER</li> <li>RESOURCE CONCERN: WATER QUANTITY</li> <li>SEEPS</li> <li>Situational regarding seep development</li> <li>RUNOFF/FLOODING</li> <li>EXCESS SUBSURFACE WATER</li> <li>INADEQUATE OUTLETS</li> <li>WATER MGT. IRRIGATION</li> <li>◆ SURFACE</li> <li>N/A</li> <li>◆ SPRINKLER</li> <li>moderately improve offsite safety hazard/depos.</li> <li>insight safety hazard/depos.</li> <li>insignificant</li> <li>insignificant</li> <li>N/A</li> </ul>	DEPOSITION/SAFETY	
OTHER  RESOURCE: WATER  RESOURCE CONCERN: WATER QUANTITY  SEEPS situational regarding seep development  RUNOFF/FLOODING insignificant  EXCESS SUBSURFACE WATER insignificant  INADEQUATE OUTLETS insignificant  WATER MGT. IRRIGATION  • SURFACE N/A  • SPRINKLER N/A	• ONSITE	moderately improve onsite safety/deposition
RESOURCE: WATER RESOURCE CONCERN: WATER QUANTITY  SEEPS situational regarding seep development RUNOFF/FLOODING insignificant EXCESS SUBSURFACE WATER insignificant INADEQUATE OUTLETS insignificant WATER MGT. IRRIGATION  • SURFACE N/A  • SPRINKLER N/A	• OFFSITE	moderately improve offsite safety hazard/depos.
RESOURCE CONCERN: WATER QUANTITY  SEEPS situational regarding seep development  RUNOFF/FLOODING insignificant  EXCESS SUBSURFACE WATER insignificant  INADEQUATE OUTLETS insignificant  WATER MGT. IRRIGATION  SURFACE N/A  SPRINKLER N/A	OTHER	
SEEPS situational regarding seep development RUNOFF/FLOODING insignificant EXCESS SUBSURFACE WATER insignificant INADEQUATE OUTLETS insignificant WATER MGT. IRRIGATION  • SURFACE N/A  • SPRINKLER N/A	RESOURCE: WATER	
RUNOFF/FLOODING insignificant EXCESS SUBSURFACE WATER insignificant INADEQUATE OUTLETS insignificant WATER MGT. IRRIGATION  • SURFACE N/A  • SPRINKLER N/A	RESOURCE CONCERN: WATER QUANTIT	Y
EXCESS SUBSURFACE WATER insignificant INADEQUATE OUTLETS insignificant WATER MGT. IRRIGATION  • SURFACE N/A  • SPRINKLER N/A	SEEPS	situational regarding seep development
INADEQUATE OUTLETS insignificant  WATER MGT. IRRIGATION  • SURFACE N/A  • SPRINKLER N/A	RUNOFF/FLOODING	insignificant
WATER MGT. IRRIGATION  • SURFACE N/A  • SPRINKLER N/A		insignificant
<ul><li>SURFACE N/A</li><li>SPRINKLER N/A</li></ul>		insignificant
• SPRINKLER N/A	WATER MGT. IRRIGATION	
	• SURFACE	
WATER MGT. NON-IRRIGATED insignificant	• SPRINKLER	N/A
		insignificant
RESTRICTED FLOW CAPACITY (H20 convey.)	RESTRICTED FLOW CAPACITY (H20 convey.)	
ONSITE	• ONSITE	moderate improvement in onsite drainage
OFFSITE	• OFFSITE	moderate improvement in offsite drainage
RESTRICTED STORAGE moderate reduction in sedimentation of H20 stroage	RESTRICTED STORAGE	moderate reduction in sedimentation of H20 stroage

RESOURCE INDICATORS	R QUALITY PHYSICAL EFFECTS
GROUNDWATER CONTAMINANTS	THISICAL EFFECTS
• PESTICIDES	situational regarding GWater contam./pest.
NUTRIENTS AND ORGANICS	facilitating
• SALINITY	facilitating
• HEAVY METALS	facilitating
• PATHOGENS	situational concerning GWater contam./pathogens
• OTHER	
SURFACE WATER CONTAMINANTS	
PESTICIDES	situational concerning SWater contam./pesticides
NUTRIENTS AND ORGANICS	moderate reduction in SWater contam./nutri.,organ.
SUSPENDED SEDIMENTS	sign. reduction in SWater contam./susp. sedi.
LOW DISSOLVED OXYGEN	situational concerning SWater contam./low oxygen
SALINITY	situational concerning SWater contam./salinity
• HEAVY METALS	situational concerning SWater contam./heavy metals
• WATER TEMPERATURE	situational concerning SWater contam./H2O temp.
PATHOGENS	situational concerning SWater contam./pathogens
AQUATIC HABITAT SUITABILITY	significant improvement in Aqua. Hab. Suit.
OTHER	
RESOURCE: AIR	
RESOURCE CONCERN: AIR QUALI	TY
	TY
AIRBORNE SEDIMENT AND SMOKE	TY
AIRBORNE SEDIMENT AND SMOKE PARTICLES	N/A
AIRBORNE SEDIMENT AND SMOKE PARTICLES ONSITE SAFETY	
AIRBORNE SEDIMENT AND SMOKE PARTICLES  ONSITE SAFETY	N/A
AIRBORNE SEDIMENT AND SMOKE PARTICLES ONSITE SAFETY OFFSITE SAFETY	N/A N/A
AIRBORNE SEDIMENT AND SMOKE PARTICLES ONSITE SAFETY OFFSITE SAFETY ONSITE STRUCT. PROBLEMS OFFSITE STRUCT. PROBLEMS	N/A N/A N/A
AIRBORNE SEDIMENT AND SMOKE PARTICLES ONSITE SAFETY OFFSITE SAFETY ONSITE STRUCT. PROBLEMS OFFSITE STRUCT. PROBLEMS	N/A N/A N/A N/A N/A N/A N/A N/A
AIRBORNE SEDIMENT AND SMOKE PARTICLES ONSITE SAFETY OFFSITE SAFETY ONSITE STRUCT. PROBLEMS OFFSITE STRUCT. PROBLEMS ONSITE HEALTH AIRBORNE SEDIMENT CAUSING	N/A N/A N/A N/A N/A N/A
AIRBORNE SEDIMENT AND SMOKE PARTICLES ONSITE SAFETY OFFSITE SAFETY ONSITE STRUCT. PROBLEMS OFFSITE STRUCT. PROBLEMS ONSITE HEALTH OFFSITE HEALTH AIRBORNE SEDIMENT CAUSING CONVEYANCE PROBLEMS	N/A N/A N/A N/A N/A N/A N/A N/A N/A situational - airborn sediment/conveyance problems
AIRBORNE SEDIMENT AND SMOKE PARTICLES ONSITE SAFETY OFFSITE SAFETY ONSITE STRUCT. PROBLEMS OFFSITE STRUCT. PROBLEMS ONSITE HEALTH AIRBORNE SEDIMENT CAUSING CONVEYANCE PROBLEMS AIRBORNE CHEMICAL DRIFT	N/A N/A N/A N/A N/A N/A N/A N/A N/A situational - airborn sediment/conveyance problems sign. decrease in airborn chem. drift
AIRBORNE SEDIMENT AND SMOKE PARTICLES ONSITE SAFETY OFFSITE SAFETY ONSITE STRUCT. PROBLEMS OFFSITE STRUCT. PROBLEMS ONSITE HEALTH AIRBORNE SEDIMENT CAUSING CONVEYANCE PROBLEMS AIRBORNE CHEMICAL DRIFT AIRBORNE ODORS	N/A N/A N/A N/A N/A N/A N/A N/A Situational - airborn sediment/conveyance problems sign. decrease in airborn chem. drift sign. decrease in airborn odors
AIRBORNE SEDIMENT AND SMOKE PARTICLES  ONSITE SAFETY  OFFSITE SAFETY  ONSITE STRUCT. PROBLEMS  OFFSITE STRUCT. PROBLEMS  ONSITE HEALTH  AIRBORNE SEDIMENT CAUSING CONVEYANCE PROBLEMS  AIRBORNE CHEMICAL DRIFT  AIRBORNE ODORS  FUNGI, MOLDS, AND POLLEN	N/A N/A N/A N/A N/A N/A N/A N/A N/A situational - airborn sediment/conveyance problems sign. decrease in airborn chem. drift
AIRBORNE SEDIMENT AND SMOKE PARTICLES  ONSITE SAFETY  OFFSITE SAFETY  ONSITE STRUCT. PROBLEMS  OFFSITE STRUCT. PROBLEMS  ONSITE HEALTH  OFFSITE HEALTH  AIRBORNE SEDIMENT CAUSING CONVEYANCE PROBLEMS  AIRBORNE CHEMICAL DRIFT  AIRBORNE ODORS  FUNGI, MOLDS, AND POLLEN OTHER	N/A N/A N/A N/A N/A N/A N/A N/A N/A situational - airborn sediment/conveyance problems sign. decrease in airborn chem. drift sign. decrease in airborn odors N/A
AIRBORNE SEDIMENT AND SMOKE PARTICLES  ONSITE SAFETY  OFFSITE SAFETY  ONSITE STRUCT. PROBLEMS  OFFSITE STRUCT. PROBLEMS  ONSITE HEALTH  OFFSITE HEALTH  AIRBORNE SEDIMENT CAUSING CONVEYANCE PROBLEMS  AIRBORNE CHEMICAL DRIFT  AIRBORNE ODORS  FUNGI, MOLDS, AND POLLEN OTHER	N/A N/A N/A N/A N/A N/A N/A N/A N/A situational - airborn sediment/conveyance problems sign. decrease in airborn chem. drift sign. decrease in airborn odors N/A
<ul> <li>OFFSITE SAFETY</li> <li>ONSITE STRUCT. PROBLEMS</li> <li>OFFSITE STRUCT. PROBLEMS</li> <li>ONSITE HEALTH</li> <li>OFFSITE HEALTH</li> <li>AIRBORNE SEDIMENT CAUSING CONVEYANCE PROBLEMS</li> <li>AIRBORNE CHEMICAL DRIFT AIRBORNE ODORS</li> <li>FUNGI, MOLDS, AND POLLEN OTHER</li> <li>RESOURCE CONCERN: AIR CONDI</li> </ul>	N/A N/A N/A N/A N/A N/A N/A N/A N/A situational - airborn sediment/conveyance problems sign. decrease in airborn chem. drift sign. decrease in airborn odors N/A
AIRBORNE SEDIMENT AND SMOKE PARTICLES  ONSITE SAFETY  OFFSITE SAFETY  ONSITE STRUCT. PROBLEMS  OFFSITE STRUCT. PROBLEMS  ONSITE HEALTH  AIRBORNE SEDIMENT CAUSING CONVEYANCE PROBLEMS  AIRBORNE CHEMICAL DRIFT  AIRBORNE ODORS  FUNGI, MOLDS, AND POLLEN OTHER  RESOURCE CONCERN: AIR CONDI	N/A N/A N/A N/A N/A N/A N/A N/A situational - airborn sediment/conveyance problems sign. decrease in airborn chem. drift sign. decrease in airborn odors N/A

RESOURCE: PLANT	
RESOURCE CONCERN: SUITABILIT	Y
RESOURCE INDICATORS	PHYSICAL EFFECTS
SITE ADAPTATION	sign. improvement in plant suitability/site adapt
PLANT USE	sign. improvement in plant suit. for intended use
OTHER	
RESOURCE CONCERN: CONDITION	
PRODUCTIVITY	sign. improvement in plant cond./ productivity
HEALTH, VIGOR, SURVIVAL	sign. improvement in plant health, vigor, survival
OTHER	
RESOURCE CONCERN: MANAGEME	ENT
ESTAB., GROWTH, HARVEST	sign. improvement in plant estab.,growth,harvest
NUTRIENT MANAGEMENT	sign. improvement in plant nutrient management
PESTS	situational concerning plant pest mgt.
THREAT/ENDANGERED PLANTS	situational concerning threat/endanged plants
OTHER	
RESOURCE: ANIMAL	
RESOURCE CONCERN: HABITAT	
FOOD	sign. improvement in animal habitat/food supply
COVER/SHELTER	sign. improvement in animal habitat/cover,shelter
WATER (QUANTITY & QUALITY)	sign. improvement in animal habitat/water\
OTHER	
RESOURCE CONCERN: MANAGEME	CNT
POPULATION BALANCE	moder. improvement in animal mgt./pop. balance
THREAT/ENDANGERED ANIMALS	situational concerning threat./endangered animals
HEALTH	sign. improvement in animal mgt./ health
OTHER	
RESOURCE: <b>HUMAN</b>	
RESOURCE CONCERNS: ECONOMIC	CCONSIDERATIONS
PLAN / COST EFFECTIVENESS	significantly cost effective
CLIENT FINANCIAL CONDITION	significantly cost effective
MARKETS FOR PRODUCTS	N/A
AVAILABLE LABOR	situational concerning labor requirements
AVAILABLE EQUIPMENT	situational regarding equipment concerns

RESOURCE CONCERN: SOCIAL CONSIDERATIONS	
PHYSICAL EFFECTS	
sign. improvement in public health safety	
sign. improvement in private/public values	
N/A	
moderate risk involved	
N/A	
RESOURCE CONCERN: CULTURAL CONSIDERATIONS	
situational regarding cultural resources	
situational regarding cultural resources	
situational regarding cultural resources	